

*Sub B17*  
This is a division of application Serial No. 08/544,579, filed October 18, 1995,  
which is a reissue application of U.S. Patent No. 4,861,711, incorporated herein by  
reference.

**IN THE CLAIMS**

Please cancel claims 43, 44, 52, and 55 without prejudice or disclaimer.

Please amend claims 35 and 51 as follows:

*Sub B17*  
**35** (Amended) An analytical device for the detection or determination of a component in a fluid wherein said component is an analyte with bioaffinity binding properties, comprising a layer of a plurality of substantially planar zones adjacent one another and in absorbent contact with one another, said layer including:

*Gi*  
a mobile phase application zone (MPAZ), [a single] an intermediate zone (IZ), and an adsorption zone (AZ), liquid being capable of moving by adsorption from said MPAZ through said IZ to said AZ, and wherein said IZ comprises a [single] solid phase zone (SPZ) having at least one unlabelled reactant, capable of interactions of biological affinity with an analyte;

at least one unattached, labeled reactant (conjugate) capable of interactions of biological affinity with said analyte disposed in an area between the MPAZ and the SPZ; and

an analyte application zone disposed at said MPAZ or in between said MPAZ and said AZ, and

wherein all reactants necessary for the [immunoassay] detection or determination are present in a dehydrated form in the device, and

wherein said MPAZ has dimensions to contain sufficient fluid to permit the fluid to migrate to the AZ, and

wherein said layer of substantially planar zones contains at least two sheet-like strips made from different materials, and

wherein after application of said analyte, said analyte is reacted with said reactants in said layer and [the presence or amount of the analyte is evaluated optically in the single SPZ] is detected in said layer.

4951. (Amended) An analytical device for the detection of beta-hCG in a fluid sample by means of a sandwich immunoassay comprising a layer of a plurality of substantially planar zones adjacent one another and in absorbent contact with one another, said layer including:

a mobile phase application zone (MPAZ), [a single] an intermediate zone (IZ) and an [absorption] adsorption zone (AZ), liquid being capable of moving by [absorption] adsorption from said MPAZ through said IZ to said AZ, and wherein said IZ further comprises a [single] solid phase zone (SPZ) having at least one unlabelled antibody, capable of an immunological interaction with beta-hCG;

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com

at least one unattached labeled antibody (conjugate) capable of an immunological interaction with beta-hCG, disposed in an area between the MPAZ and the SPZ; and

an analyte application zone disposed at said MPAZ [or in between said MPAZ and said AZ],

wherein the MPAZ has dimensions to contain sufficient fluid to permit the fluid to migrate to the end of the AZ, and

wherein said layer of substantially planar zones contains at least two sheet-like strips made from different materials, and

wherein after application of said fluid sample, the presence of beta-hCG is detected visually in the [single] SPZ.

FINNEGAN  
HENDERSON  
FARABOW  
GARRETT &  
DUNNER LLP

1300 I Street, NW  
Washington, DC 20005  
202.408.4000  
Fax 202.408.4400  
www.finnegan.com